

12-28-0

Please type a plus sign (+) inside this box [+]

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b)

(maximum 1	2 characters)	42390.P12041 Paul B. Koeneman et a	al			
Title: _	METHOD AND	D APPARATUS FOR CO	OLING AN INTEG	GRATED CIRCUIT I	PACKAGE USING	A COOLING
	Mail Label No	o. <u>EL431882638US</u>	}			

ADDRESS TO: **Assistant Commissioner for Patents Box Patent Application** Washington, D. C. 20231

APP	LICATION	ELEMENTS
See	MPEP cha	pter 600 concerning utility patent application contents.
1.	<u>x</u>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)
2.		Applicant Claims Small Entity Status. (37 CFR 1.27)
3.	<u>x</u>	Specification (Total Pages 17 ) (preferred arrangement set forth below)  - Descriptive Title of the Invention  - Cross Reference to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference sequence listing, a table, or a computer program listing appendix  - Background of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure
4.	<u>x</u>	Drawings(s) (35 USC 113) (Total Sheets 4)
5.	<u> </u>	Oath or Declaration (Total Pages <u>5</u> )
		a. X Newly Executed (Original or Copy)
		b Copy from a Prior Application (37 CFR 1.63(d)) (for Continuation/Divisional with Box 18 completed)
		i. <u>DELETIONS OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
		c Unsigned.
6.	<del>** · · · · · •</del>	Application Data Sheet. (37 CFR 1.76)
7.		CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.	(if applicable,	Nucleotide and/or Amino Acid Sequence Submission all necessary) Computer Readable Form (CRF)
	b	Specification Sequence Listing on: iCD-ROM or CD-R (2 copies); or ii paper
L	_c	Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS
<ul> <li>9. X Assignment Papers (cover sheet &amp; documents(s))</li> <li>10. Separate 37 CFR 3.73(b) Statement (where there is an assignee)</li> </ul>
b. Power of Attorney
11 English Translation Document (if applicable)
12 a. Information Disclosure Statement (IDS)/PTO-1449
b. Copies of IDS Citations
13. Preliminary Amendment
14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15 Certified Copy of Priority Document(s) (if foreign priority is claimed)
16 Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. X Other: Check in the amount of \$1,070.00
18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
Continuation Divisional Continuation-in-part (CIP) Of Prior Application No.: Fxaminer Group Art Unit
Of Prior Application No.: Examiner Group Art Unit (which is a continuation/ divisional/ CIP of prior application no, thick is a continuation/ divisional/ CIP of prior application no, (List entire chain of priority)
Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.  For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which
an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only
be relied upon when a portion has been inadvertently omitted from the submitted application parts.
18B. Statement under 37 CFR 3.73(b) for <u>continuing</u> application:
The undersigned states that (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an
assignment recorded in the Patent and Trademark Office at Reel. No Frame No (or a copy of which is attached).
19. Correspondence Address
Customer Number or Bar Code Label Or (Insert Customer No. or Attach Bar Code Label here)
X Correspondence Address Below
NAME Charles K. Young
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
ADDRESS 12400 Wilshire Boulevard
Seventh Floor
CITY Los Angeles STATE California ZIP CODE 90025-1026
Country <u>U.S.A.</u> TELEPHONE <u>(408) 720-8300</u> FAX <u>(408) 720-9397</u>
Name (PRINT/TYPE): Charles K. Young Registration No.: 39,435
Signature: Charle K. Young Date: December 19,2001

PTO/SB/17(09/00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	FEE TRANSMITTAL FOR FY	Y 2002
	TOTAL AMOUNT OF PAYMENT (\$)	\$ 1,070.00
Complete if Known:		
Application No. Unassi	gned	·
Filing Date <u>Unassigned</u>		
	Koeneman et al.	
Group Art Unit <u>Unassigned</u>		
Examiner Name <u>Unassigned</u> Attorney Docket No. <u>042390</u>		
METHOD OF PAYMENT (c		
•	neck one) ssioner is hereby authorized to charge ir	ndicated fees and credit
any over pa		
Deposit Acc Deposit Acc	count Number <u>02-2666</u>	
•	Additional Fee Required Under 37 CFR	
[ ] Applicant c	aims small entity status. See 37 CFR 1.2	27
2. <u>X</u> Payment Er	closed: X Check Money Order Other	***************************************
FEE CALCULATION		
I. BASIC FILING FEE		
_arge Entity Small Entity	,	
Fee Fee Fee Fee	•	
Code (\$) Code (\$)	Fee Description	Fee Paid
101 740 201 370		740.00
l <mark>06 330 206 16</mark> 5		
107 510 207 255		
108 740 208 370		
114 160 214 80	Provisional application filing fee	·
		SUBTOTAL (1) \$ 740.00
2. EXTRA CLAIM FEES		Fee from
	Extra Claims	below Fee Paid
Fotal Claims 29	<b>-20**</b> = 9	X <u>18.00</u> = <u>162.00</u>
ndependent Claims 5	-3** = 2	$X = \frac{18.00}{84.00} = \frac{168.00}{168.00}$
Multiple Dependent	<u> </u>	A <u>04.00</u> = 100.00

**C	Or number	previ	ously	paid, i	if greater; I	For Reissu	es, see below.

Large E	ntity	Small I	<u>Entity</u>	
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 330.00

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

<b> </b> 3.	AUDITIO	NAL FEE	3				
Large	Entity	Small E	ntity				
Fee	Fee	Fee	Fee				
Code	(\$)	Code	(\$)	Fee Description	Fee Paid		
105	130	205	65	Surcharge - late filing fee or oath			
127	50	227	25	Surcharge - late provisional filing fee or cover sheet			
139	130	139	130	Non-English specification			
147	2,520	147	2,520	For filing a request for ex parte reexamination			
099	8,800	099	8,800	Request for inter parties reexamination			
112	920*	112	920*	Requesting publication of SIR prior to Examiner action			
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action			
115	110	215	55	Extension for reply within first month			
116	400	216	200	Extension for reply within second month			
117	920	217	460	Extension for reply within third month			
118	1,440	218	720	Extension for reply within fourth month			
128	1,960	228	980	Extension for reply within fifth month			
119	320	219	160	Notice of Appeal			
120	. 320	220	160	Filing a brief in support of an appeal			
121	280	221	140	Request for oral hearing			
138	1,510	138	1,510	Petition to institute a public use proceeding			
140	110	240	55	Petition to revive – unavoidable	<del></del>		
141	1,280	241	640	Petition to revive - unintentional			
142	1,280	242	640	Utility issue fee (or reissue)			
143	460	243	230	Design issue fee			
144	620	244	310	Plant issue fee			
122	130	122	130	Petitions to the Commissioner			
123	50	123	50	Processing fee under 37 CFR 1.17(q)			
126	180	126	180	Submission of Information Disclosure Stmt			
581	40	581	40	Recording each patent assignment per			
	740	0.40		property (times number of properties)			
146	740	246	370	For filing a submission after final rejection			
440	440	040		(see 37 CFR 1.129(a))			
148 149	110 740	248 249	55 270	Statutory Disclaimer			
149	740	249	370	For each additional invention to be examined			
179	740	279	370	(see 37 CFR 1.129(b))	<del></del>		
169	900	169	900	Request for Continued Examination (RCE)			
109	900	109	900	Request for expedited examination of a design			
195	300	195	300	application  Publication for for early voluntary or normal pub			
196	300	195	300	Publication fee for early, voluntary, or normal pub.  Publication fee for republication			
194	130	194	130	Request for voluntary publication or republication			
098	130	098	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	<del></del>		
091	1,280	091	1,280	Acceptance of unintentionally delayed claim for priority	<del></del>		
1	•		•	• • •			
Other	fee (specif	y)			<u> </u>		
					. ——		
Other	iee (specif	у)	<del></del>				
*Redu	*Reduced by Basic Filing Fee Paid						
SUBMITTED BY:							
Typed or Printed Name: Charles K. Young							
		_		41			
Signa	ature:	Cl	ale K,	Young Date: $12/19/01$			
Reg.	Number:	39,435		Telephone Number: <u>408-720-8300</u>			